

Converting Colors

Hex(4DD5EF)

Have a look what the booklet for
Hex(4DD5EF) contains.

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Color

Hex(4DD5EF)

Conversions

Conversions Part 1

Format	Color
Hex	4DD5EF
RGB	77, 213, 239
RGB Percent	30%, 84%, 94%
CMY	0.6980, 0.1647, 0.0627
CMYK	0.68, 0.11, 0.00, 0.06
HSL	190°, 84%, 62%
HSV	190°, 68%, 94%
XYZ	42.4348, 55.3983, 90.1177
YIQ	175.3000, -89.4020, -20.7460

Conversions

Conversions Part 2

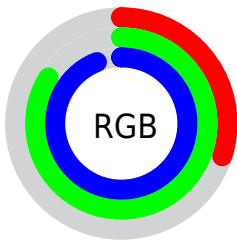
Format	Color
RYB	77, 151, 239
Decimal	5101039
CIELab	79.27, -28.50, -23.52
CIELCh	79, 36.951, 219.532
Yxy	55.3983, 0.2258, 0.2947
Android (android.graphics.Color)	4283291119 (0xFF4DD5EF)
YUV	175.3000, 31.4041, -86.2091
Hunter-Lab	74.4300, -28.4843, -19.6856

Details

The Hex color **4DD5EF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **EF674D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **90FFFF**, and **009EB7** is the 20% darker color. If you saturate the color by 10%, you get **35D1EF**, and if you desaturate by 10%, it is **65D9EF**.

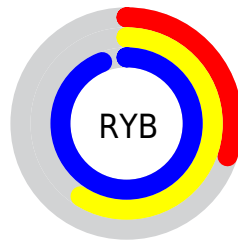
Distribution



Red (30%)

Green (84%)

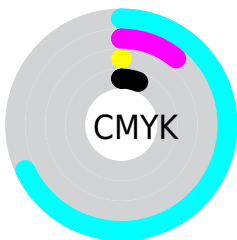
Blue (94%)



Red (30%)

Yellow (59%)

Blue (94%)

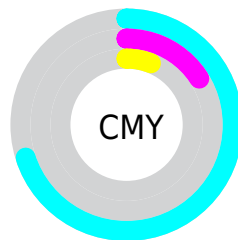


Cyan (68%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (70%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DD5EF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4DD5EF by changing the saturation by 10% instead.

 4DD5EF

FFFFFF

 90FFFF

 AFFFFFF

 CEFFFF

 EDFFFF

 4DD5EF

 1EB9D3

 009EB7

 00849C

 006A82

 005269

 003A51

 002539

 000224

 00000C

 4DD5EF

 4DD5EF

 35D1EF

 65D9EF

 1DCDEF

 7DDDEF

 05C9EF

 95E1EF

 00C9EF

 ADE4EF

 C4E8EF

 DCECEF

 F4F0EF

 FFF4EF

 FFF8EF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5BD7CF



4DD5EF



71CEFF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4DD5EF



F9ADDD



D1C680

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4DD5EF



EF674D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0BA84



4DD5EF



FFAABA

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4DD5EF



D7B8FA



FFAF9A



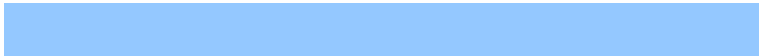
ABCF8E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4DD5EF



94C8FF



FFAF9A



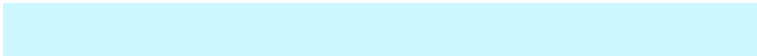
DCC27F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4DD5EF



CCF7FF



4DEF65



617B80



000000



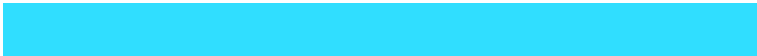
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4DD5EF



30DEFF



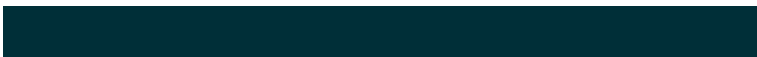
4D86EF



6C7678



009AB8



002F38

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EF4DD5



FF30DE



EFB64D



786C76



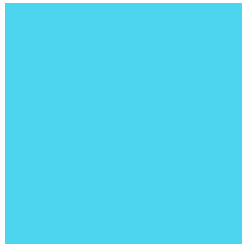
B8009A



38002F

Previews

White Background



This preview shows how the Hex color 4DD5EF looks on a white background.

Color Contrast Check

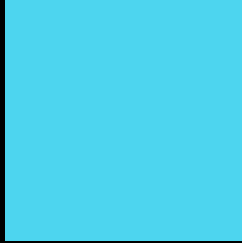
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4DD5EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

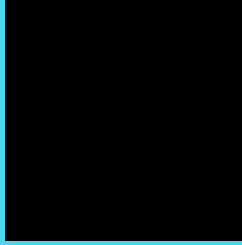
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DD5EF Background



This preview shows how black text looks on a background with the Hex color 4DD5EF.

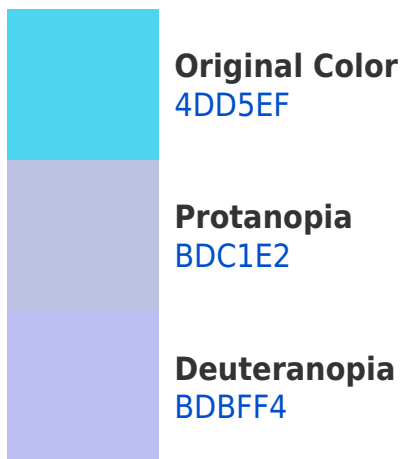


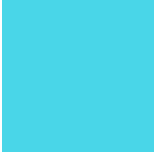
This preview shows how white text looks on a background with the Hex color 4DD5EF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

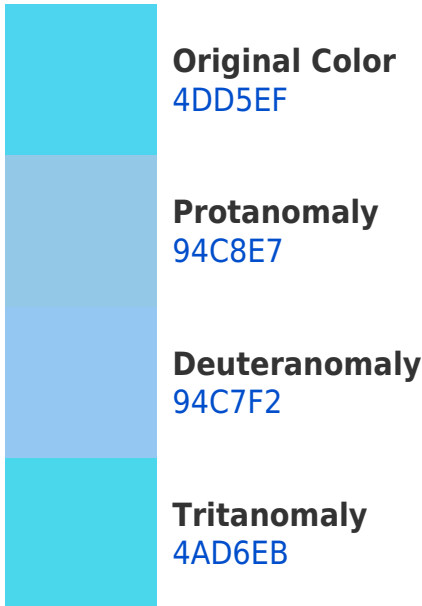
Dichromacy



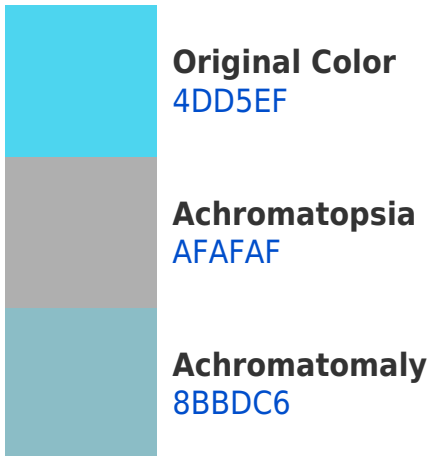


Tritanopia
49D6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DD5EF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4DD5EF looks like.

```
.text, #text, p{  
    color:#4DD5EF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4DD5EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DD5EF  
}
```

Border

The CSS property to change the border of an element to Hex 4DD5EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4DD5EF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4DD5EF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4DD5EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DD5EF; -webkit-box-shadow:4px 4px  
4px 4px #4DD5EF; box-shadow:4px 4px 4px  
4px #4DD5EF }
```

Background

The CSS property to change the background color of an element to Hex 4DD5EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DD5EF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4DD5EF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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